



June 27, 2014

To: Executive Board

Subject: **Contract Award – SMARTBus Technical Advisory Services**

### Recommendation

Authorize the Executive Director to negotiate final contract terms and conditions and award a contract in the amount of \$466,689.34 to IBI Group for SMARTBus Technical Advisory Services to assist with developing performance specifications for the new CAD/AVL system, for replacement of the analog radio, replacement of the radio service carrier, and assistance with the implementation of Foothill Transit's SMARTBus Replacement Project.

### Analysis

In March 2014, the Executive Board authorized the issuance of RFP No. 14-030 soliciting proposals for technical advisory services to assist with developing performance specifications for a new computer aided dispatch and automatic vehicle location (CAD/AVL) system, for the replacement of the analog radio, replacement of the radio service with another carrier, and assistance with the implementation of the SMARTBus Replacement Project.

On April 24, 2014, the RFP was issued and five proposals were received on May 29, 2014 in response to the RFP. An evaluation committee consisting of members of Foothill Transit's administrative team conducted a thorough review of the proposals and interviewed the three firms whose proposals were determined to be in the competitive range. As shown in the scoring summary below, IBI Group was the highest rated proposer.

Evaluation Factors	Maximum Score	Proposer		
		BLIC	IBI Group	EIGER TechSystems
1. Work Plan and Technical Approach	35	16.66	33.32	31.36
2. Statement of Qualification, Experience and Organizational Relationships	30	15.48	28.68	26.82
3. Price	15	15.00	4.06	6.31
4. Project Understanding	20	10.12	18.88	18.84
<b>Overall Score</b>	<b>100</b>	<b>57.26</b>	<b>84.94</b>	<b>83.33</b>
<i>Rank</i>		3	1	2



Key components of the IBI proposal include a strong focus on customer service and providing a system that facilitates real time decision making by dispatch and providing up to date information to customers; using the technology to develop a contract monitoring matrix, the emphasis on vehicle condition monitoring and, experience in upgrading systems.

In the coming months, they will assist in writing the Scope of Work for Foothill Transit's SMARTBus Replacement Project, detailing the requirements to maintain existing reporting capability, and adding new services and features that are not available with the current system. Some examples of these new services and features include:

- enhanced GPS accuracy
- on board voice announcements capability to wirelessly send detour, schedule or emergency information to customers
- bus management system which provides alerts to dispatch and maintenance staff on required preventive maintenance, system defects and other immediate service needs
- real time boarding and alighting information at each stop
- live video streaming capabilities for law enforcement and operations while bus is in service
- streamlined process for headsign updates and management

In addition, integration of 4G cellular service to replace the GPS and voice communication with a more robust and expansive cellular service will be included in the equipment replacement project. IBI Group will also assist with the implementation of the project at West Covina, Arcadia/Irwindale and Pomona facilities, and all Transit Stores.

IBI Group has successfully performed similar work for Community Transit (Everett, WA), Regional Transportation District (Denver, CO), and C-Tran (Vancouver, WA) transit agencies. Upon finalizing the scope of work for the replacement of Foothill Transit's SMARTBus system, an RFP will be issued to solicit proposals for the new CAD/AVL system. The tentative project timeline is 18 months.

### **Budget Impact**

Funds for these services are included in Foothill Transit's adopted Fiscal Year 2015 Budget.

Sincerely,

LaShawn King Gillespie  
Director of Customer Service and Operations

Doran J. Barnes  
Executive Director